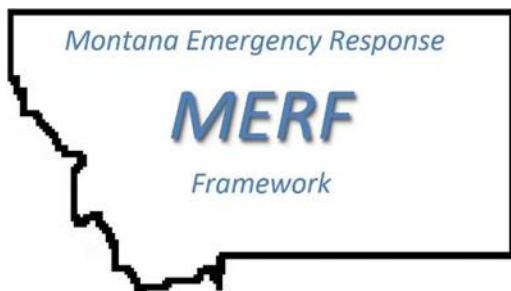


Emergency Support Function

2016

Annex # 11 Agriculture & Natural Resources



Authorization & Concurrence:

This Annex is considered operational and serves as a guide for rendering assistance whenever the **Montana Emergency Response Framework** (MERF) is activated. It supersedes all previous editions.

Approved: _____

Date: _____

Record of Changes

All changes to this plan annex are to be dated on the master copy kept by the Montana Department of Livestock.

[illegible]

Record of Concurrence

When assistance is requested by the Department of Environmental Quality (DEQ), the following agencies have concurred to provide the role of supporting the DEQ in rendering assistance to state, local, and tribal jurisdictions within the State of Montana during an emergency, disaster, or incident whenever ESF #12 is activated:

Support Agencies	Authorized Representative	Date of Concurrence

Table of Contents

Authorization & Concurrence:.....	1
Record of Changes	2
Record of Concurrence	3
Section I: Agencies	5
Section II: Purpose & Scope	5
Purpose:	5
Scope:	5
Section III: Assumptions & Relationships	6
Individuals/Households.....	7
Local & Tribal	7
Private Sector/Nongovernmental Organizations	7
State Government	8
Section IV: Core Capabilities	8
Section V: Operational Functions	11

Section I: Agencies

Coordinating Agency:

Montana Disaster & Emergency Services

Primary Agency:

Department of Livestock

Support Agencies:

Montana Department of Health and Human Services

Montana Department of Fish Wildlife and Parks

Montana Department of Agriculture

Montana Department of Environmental Quality

Montana Department of Natural Resources & Conservation

Montana Department of Commerce

Montana Governor's Office of Community Service

Montana Voluntary Organizations Active in Disaster

Montana State University Extension

Section II: Purpose & Scope

Purpose

The purpose of this annex is to provide guidance and information needed to help ensure coordinated and expeditious response support. It is not intended to define or supplant standard operating practices (SOPs) for any particular agency or department, but to provide a framework for operations based on lessons learned from this type of event.

This ESF #11 Annex is a part of the Montana Emergency Response Framework and was designed to be consistent with and subordinate to higher-level plans including the National Response Framework. This ESF-11 Annex is a planning document that defines the role of ESF-11 and provides guidance and direction to the Montana State Emergency Coordination Center (SECC) staff. It is not intended to define or supplant plans of any state, county or tribal government.

Scope

Emergency Support Function (ESF) #11 – Agriculture and Natural Resources organizes and coordinates State support for the protection of Montana's agricultural and natural and cultural resources during emergencies or disasters. ESF #11 works during actual and potential incidents to provide nutrition assistance; response to animal diseases; response to plant diseases and pests; ensuring the safety and security of the commercial food supply; protecting natural, cultural, and historic resources; and providing for the safety and well-being of household pets.

This annex applies to several different possible scenarios including, but not limited to:

- Requests for State assistance from in-state jurisdictions and agencies
- Request for State assistance from utilities and other energy companies
- Requests for “Host State” assistance from out-of-state agencies (e.g., FEMA, interstate mutual aid, etc.)

Section III: Assumptions & Relationships

Assumptions

- An emergency or disaster may deprive substantial numbers of people access to food or the means to prepare food. In addition commercial food supplies and distribution networks may be substantially disrupted due to partial or total devastation of food products stored in the affected area.
- Animal and agricultural health responses are conducted in collaboration and cooperation with local and state authorities and private industries to ensure continued human nutrition; animal, plant, and environmental health; and support of the American economy and trade.
- An emergency or disaster may result in the evacuation or displacement of domestic pets which include cats, dogs, and any other animal reasonably considered a household pet. The plans must include procedures for dealing with the evacuation, sheltering and or feeding of these animals.
- During an incident, to the extent practical, animal evacuation and sheltering should be conducted in conjunction with human evacuation and sheltering efforts; animals should be sheltered near their owners.
- Service animals are not pets and may not be separated from the individual with a disability or other access and functional need, and they should be permitted anywhere the public goes.
- ESF #11 functions may be supported by a range of other Emergency Support Functions, including ESF #1 (transportation of food and other commodities), ESF #8 (mental health services), ESF #6 (mass care, emergency assistance, housing, and human services), and others.

Relationships

This section describes how ESF #11 relates to other elements of the whole community. Basic concepts that apply to all members of the whole community include:

Individuals/Households

- Individuals are responsible for knowing the risks they face and developing emergency plans for their families that include emergency preparedness for the animals in their household, whether those animals are owned for pleasure or commercial purposes.
- Owners should provide food, water, husbandry, and exercise for their animals while they are in emergency shelters.

Local & Tribal

- At the local level, veterinarians, farmers, animal control agencies and humane organizations, breeders, wildlife rehabilitators, and others make up the animal infrastructure within a community.
- Typically, at the local level, the animal control agency is the authority that has jurisdiction for non-disease animal emergency management issues within a given community.
- Local / tribal governments, supported by private sector and local volunteer agencies, provide the initial response to agricultural and natural resource emergencies or disasters that occur within the State of Montana. Local government requests and facilitates the implementation of authorized outside government assistance (state and federal).
- On the fringes of the affected areas, schools and small institutions with food inventories could be used to begin the feeding of disaster victims.

Private Sector/Nongovernmental Organizations

- Most animal and agriculture emergency response resources and assets are owned or controlled by the private sector and NGOs.
- There may also be disruption of energy sources (e.g., electricity and gas) causing most commercial cold storage and freezer facilities to be inoperable in the affected areas.
- Private and volunteer organizations, i.e., ARC and other member agencies of MTVOAD, etc., may support ESF #11 activities through provision of immediate shelter, feeding, and emergency first aid relief to domestic pets when called upon.
- Businesses where animals are integral to operations (such as production agriculture, breeders, animal welfare agencies/sanctuaries, and veterinary hospitals) should be encouraged to have contingency plans in place for animals housed in the facility, in the event of a disaster or emergency. Nonprofit networks, such as the American Veterinary Medical Association and the Association of Zoos and Aquariums/Zoo Animal Health Network, can provide information on contingency planning for veterinary facilities, zoos, and other congregate animal facilities.
- Cultural heritage institutions (such as museums, libraries, archives, records repositories, and historical societies) should be encouraged to develop

emergency plans, including having contingency plans in place for their collections in the event of a disaster or emergency. Nonprofit networks, such as the Heritage Emergency National Task Force, can provide information on cultural and historic resources at risk.

State Government

- State agencies, when requested and authorized, support the activities of local government during emergencies or disasters.
- ESF #11 helps coordinate State assistance and resources to enable timely reestablishment of energy services following an incident that requires a coordinated State response.
- Once activated by MT DES, LIV deploys ESF #11 response teams as needed to affected area(s) to assist in response and reestablishment efforts.
- As the primary agent for ESF #11, LIV in coordination with the ESF Coordinator in the SECC, will coordinate assignments, actions, and other support in response to agriculture and natural resource emergencies.

Section IV: Core Capabilities

As described in the NRF, responsibility for achieving the objectives of each core capability rests with no single entity or level of government but, rather, is the responsibility of all members of the whole community. The ESF construct is an effective way to bundle and manage the portfolio of resources to deliver core capabilities to local, tribal, and other responders. ESF #11 is particularly suited to support the Infrastructure Systems, Public and Private Services, and Resources core capabilities. The following table lists the Response core capabilities that ESF #11 most directly supports:

Core Capability	ESF #11 – Agriculture & Natural Resources
Public & Private Services & Resources	Natural, Cultural, & Historical (NCH) Resources Protection <ul style="list-style-type: none">• Coordinates NCH resources identification and vulnerability assessments.• Facilitates development and application of measures and strategies to protect, preserve, conserve, rehabilitate, stabilize, and guide the recovery of NCH resources.• Assists in emergency compliance with relevant environmental laws, such as emergency permits/consultation for natural resources use or consumption, during emergency response activities.• Manages, monitors, and assists in or conducts response actions to minimize damage to NCH resources.• Coordinates Subject Matter Experts (SMEs) to assist in addressing impacts to properties of traditional religious and cultural importance.

Core Capability	ESF #11 – Agriculture & Natural Resources
Mass Care Services	<p>Nutrition Assistance</p> <ul style="list-style-type: none"> • Determines nutrition assistance needs. • Identifies and obtains appropriate food supplies. • Arranges transportation for food supplies. • Authorizes the Disaster Supplemental Nutrition Assistance Program. <p>NCH Resources Protection</p> <ul style="list-style-type: none"> • Assists in data collection and information analysis to inform decisions on placement of temporary housing sites and staging areas and mitigate possible damage to natural and cultural resources. <p>Animal (including Household Pets and Service Animal) Mass Care and Emergency Assistance</p> <ul style="list-style-type: none"> • Supports ESF #6 to coordinate an integrated State response to meet the mass care and emergency assistance needs of animals, including household pets and service animals, and their owners. • Facilitates whole community multi-agency coordination with NGO agencies for animal response activities. • Provides technical assistance and subject matter expertise regarding animal response issues. • Coordinates needs assessments for animals, including household pets and service animals, and animal response needs and activities including technical support for evacuation and emergency animal sheltering.
Critical Transportation	<p>NCH Resources Protection</p> <p>In support of response operations for damaged bridges, roads, culverts, borrow pits, and ditches:</p> <ul style="list-style-type: none"> • Conducts surveys and evaluations for archaeological resources, historic structures, cultural landscapes, biological resources, wetlands, and critical habitat. • Assesses, evaluates, and makes recommendations for both natural and cultural resources to mitigate damage from incidents and reduce impacts to these resources resulting from repair, road surveying, and construction. • Provides monitors to protect sensitive resources during response operations. • Provides liaisons to coordinate with tribal governments to ensure tribal/reservation roads, bridges, and other critical transportation resources are intact and safe for travel. Ensures that tribal projects meet all compliance regulations for both natural and cultural resources.

Core Capability	ESF #11 – Agriculture & Natural Resources
<p>Environmental Response/Health & Safety</p>	<ul style="list-style-type: none"> Ensures regulated facilities are capable of providing safe meat, poultry, and processed egg products. <p>NCH Resource Protection</p> <ul style="list-style-type: none"> Coordinates with ESF#10 – Oil and Hazardous Materials Response on the removal of debris affecting NCH resources. Assists with environmental laws and compliance: Monitors environmental conditions and conducts sampling. Provides technical advice on mitigating impacts of contaminants and recommends clean up actions to minimize damage to sensitive resources from response activities. Provides technical assistance and guidance on threatened and endangered species.
<p>Environmental Response/Health & Safety</p>	<ul style="list-style-type: none"> Ensures regulated facilities are capable of providing safe meat, poultry, and processed egg products. <p>NCH Resource Protection</p> <ul style="list-style-type: none"> Coordinates with ESF#10 – Oil and Hazardous Materials Response on the removal of debris affecting NCH resources. Assists with environmental laws and compliance: Monitors environmental conditions and conducts sampling. Provides technical advice on mitigating impacts of contaminants and recommends clean up actions to minimize damage to sensitive resources from response activities. Provides technical assistance and guidance on threatened and endangered species.
<p>Public Health & Medical</p>	<p>Animal and Agricultural Health</p> <ul style="list-style-type: none"> Responds to animal health emergencies statutory authority. Coordinates with ESF #8 on management of zoonotic disease. Coordinates with ESF #8 to ensure that animal/veterinary health issues (including both disease management and medical management) are supported. Collaborates with DPHHS to deliver effective “one health” response that integrates human, animal, and environmental health.
<p>Infrastructure Systems</p>	<p>NCH Resources Protection</p> <ul style="list-style-type: none"> Monitors response operations to protect sensitive resources. Coordinates with ESF #3 on the removal of debris affecting NCH resources. Ensures that when regulated facilities in the affected area return to operations, they produce safe meat, poultry, and egg products.

Section V: Operational Functions

The following table lists the Response operational functions that ESF #11 primary agency and support agencies most directly supports:

Primary Agency	Operational Functions:
<p>Department of Livestock</p>	<p>Animal products for human consumption:</p> <ul style="list-style-type: none"> • Coordinates assessing damages to supply. • Coordinates with local and tribal officials, as well as with State and NGO partners, to determine the meat, dairy, and egg nutritional needs of the population in the affected areas. • Works with state and voluntary agency partners to ensures timely distribution of meat, dairy, and eggs in good condition to the proper location, once need has been determined <p>Responding to animal disease and pests:</p> <p><u>Animal Health:</u></p> <ul style="list-style-type: none"> • Detects animal disease anomalies and pests and assigns foreign animal disease diagnosticians to conduct investigations. • After diagnosis of disease, circulates warning notice to appropriate state officials in order to facilitate a timely and efficient response. • Coordinates tasks with other ESFs, state veterinary emergency response teams, and voluntary animal care organizations to respond. • Coordinates with ESF #8 on zoonotic disease surveillance activities. • Coordinates with ESF #8 on animal/veterinary issues. • Implement an integrated Federal, State, tribal, and local response to an outbreak of a highly contagious or economically devastating animal/zoonotic disease, • Ensure, in coordination with ESF #8 – Public Health and Medical Services, that animal/veterinary issues in natural disasters are supported. <p><u>Animal Emergency Management:</u></p> <ul style="list-style-type: none"> • Provides technical assistance or subject matter experts as requested on pet/animal issues to support local emergency operations centers and the SECC. • Supports ESF #15 by providing animal subject matter expertise in support of Joint Information Center (JIC) operations. • Coordinates the appropriate resources in assessing humane care of animals during evacuation, transportation, and sheltering. • Facilitates coordination with species-related subject matter expertise (including pets, livestock, big cats, elephants, marine mammals, birds).

Primary Agency	Operational Functions:
<p>Department of Livestock (continued)</p>	<ul style="list-style-type: none"> Facilitates coordination with technical expertise or subject matter experts in veterinary medicine, animal husbandry, animal transportation, euthanasia, bio-physiology, toxicology, and radiation biology Facilitates resources from private and public sector animal industry groups. <p>Ensuring the safety and security of the meat, dairy, and egg supply:</p> <ul style="list-style-type: none"> Coordinates or provides resources for the execution of routine meat, dairy, and egg safety inspections and other services to ensure the safety of meat, dairy, and egg products that enter commerce. Facilitates laboratory analysis of meat, dairy, and egg samples Facilitates control of meat, dairy, and egg products suspected to be adulterated Facilitates field investigations of food-borne disease surveillance as it relates to meat, dairy, and eggs. <p>Protecting / restoring natural, cultural resources and historic properties:</p> <ul style="list-style-type: none"> Identifies the appropriate state agencies and/or NGOs to respond in preserving, conserving, rehabilitating, recovering, and restoring NCH resources. Identifies the appropriate state agencies and/or NGOs to provide post-event baseline assessments of damages. Identifies the appropriate state agencies and/or NGOs to provide technical assistance and resources for assessing impacts of response and recovery activities to NCH resources. <p>Providing for the safety and well-being of household pets:</p> <ul style="list-style-type: none"> Identifies the appropriate state agencies and/or NGOs to provide an integrated response that provides for the safety and well-being of household pets.

Supporting Agencies	Operational Functions
<p style="text-align: center;">Department of Agriculture</p>	<p>Director's Office assists in:</p> <ul style="list-style-type: none"> • Implementation of the Montana Drought Plan as a member of the Drought Advisory Committee; • Coordination with other Montana agencies, other states and USDA during agricultural emergencies. • Analytical Laboratory Bureau in Bozeman tests products for the presence of pesticides, heavy metals, and other potential contaminants and can assist during emergencies with testing of water quality and product contamination. <p>Pest Management Bureau provides invasive plant and pest management assistance involving:</p> <ul style="list-style-type: none"> • Identification and verification of organisms; • Investigation and monitoring; • Identification and implementation of appropriate response and control options for plant pests and invasive plants. • Develops and maintains bio-surveillance systems to detect exotic plant pests and disease and coordinates surveillance activities with local and tribal governments • Identifies and confirms the presence of newly detected exotic plant pests and diseases. • Coordinates emergency response to newly detected plant pests and disease of economic or environmental significance with local and tribal governments. • Coordinates the mitigation of the intrastate movement and potential spread of exotic plant pest and disease in Montana. <p>Commodity Services Bureau:</p> <ul style="list-style-type: none"> • Provide technical assistance in emergencies that may involve feed and fertilizer products. <p>Technical Services Bureau:</p> <ul style="list-style-type: none"> • Registers pesticides and coordinates with EPA on exemptions from registration for use in emergency or crisis situations; • Licenses pesticide applicators; • Can assist DEQ and other agencies with information about the location of facilities, product risk classifications and other technical data. • Conservation Division: • Lead division addressing protection of natural, cultural and historic resources.

Supporting Agencies	Operational Functions
Department of Public Health & Human Services	<ul style="list-style-type: none"> • Provide support and assistance to all lead agencies as appropriate. • Provide technical support pertaining to statutory and regulatory requirements of the State within the scope of the department's responsibilities. • Assist within the provision of food appendix as well as support of affected individuals within other aspects of this ESF. <p>Public Assistance Bureau (Health and Community Services):</p> <ul style="list-style-type: none"> • Can provide Temporary Assistance for Needy Families (TANF) • Supplemental Nutrition Assistance Program (SNAP) provides benefits to eligible families to supplement their food budget and increase their ability to purchase healthy foods.
Department of Fish, Wildlife, & Parks	<ul style="list-style-type: none"> • Addresses animal disease, zoonotic risks, and the preservation of wildlife resources.
Department of Environmental Quality	<ul style="list-style-type: none"> • Provides information regarding water quality impacts, sampling, identification of background water quality, potential impacts to intake and outfall structures. • Provides assistance with authorizations or permitting to remedy the incident. <p>The Remediation Division:</p> <ul style="list-style-type: none"> • Provides technical expertise, guidance, and other input regarding the presence of contamination, identification of cleanup standards across media, evaluation of risk, selection of cleanup alternatives for implementation, and preparation of public information. <p>The Waste & Underground Tanks Management Bureau:</p> <ul style="list-style-type: none"> • Provides technical expertise, guidance and monitoring to landfill operators, local governments, and members of the regulated community regarding the proper storage, treatment, transportation, disposal, tracking and identification of solid and hazardous waste. <p>Air Resources Management Bureau:</p> <ul style="list-style-type: none"> • Provides technical expertise, guidance, monitoring and permits for the disposal of solid or hazardous waste through burning.
Department of Natural Resources & Conservation	<ul style="list-style-type: none"> • Responsibility for managing and protecting natural resources. • Support of response efforts involving natural resources and/or the use of personnel and equipment resources in support of other functions.
Department of Commerce	<p>The Montana Historical Society:</p> <ul style="list-style-type: none"> • Cultural and historic resources preservation.